



# Open Access and e-infrastructure

## Open Repositories 2014

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# Two Commissioners on open access



*Vice-President Neelie Kroes*

## ***Digital Agenda***

***Digital single market/Digital agenda***



*Commissioner*

*Máire Geoghegan-Quinn*

## ***Research & Innovation***

***Horizon 2020***

***European Research Area (ERA)  
& Innovation Union***

# What does the EC understand by OA?

*OA = online access at no charge to the user*

- to peer-reviewed scientific publications
- to research data
- Open Science?

*Focus on two ways to OA (publications)*

- **Self-archiving**
- **OA publishing**



# Three key documents on open access (16.07.2012)

*Communication* *'A reinforced European Research Area partnership for excellence and growth'*

*Communication* *'Towards better access to scientific information: boosting the benefits of public investments in research'*

*Recommendation* *on access to and preservation of scientific information*

# OA to publications mandate in H2020

Each beneficiary must ensure OA to all peer-reviewed scientific publications relating to its results:

- **Deposit** a machine-readable copy of the published version or final peer-reviewed manuscript accepted for publication in a **repository** of the researchers choice
- **Ensure OA** on publication or at the latest within 6/12 months
- **Ensure OA to the bibliographic metadata that identify the deposited publication, via the repository**
- **Aim to deposit at the same time the research data needed to validate the results ("underlying data")**



# Pilot on Open Research Data in H2020

**Areas of the 2014-2015 Work Programme participating in the Open Research Data Pilot are:**

- Future and Emerging Technologies
- Research infrastructures – part e-Infrastructures
- Leadership in enabling and industrial technologies – Information and Communication Technologies
- Societal Challenge: Secure, Clean and Efficient Energy – part Smart cities and communities
- Societal Challenge: Climate Action, Environment, Resource Efficiency and Raw materials – except raw materials
- Societal Challenge: Europe in a changing world – inclusive, innovative and reflective Societies
- Science with and for Society

**Projects in other areas can participate on a voluntary basis.**

# Pilot on Open Research Data in H2020

- 20% of Horizon 2020.
- Voluntary opt in and conditional opt out possible.

# Pilot on Open Research Data in H2020

**It is pilot: a way to define future action.**

**Beneficiaries participating in the Pilot will:**

- Deposit data
- Take measures to make it possible to access, mine, exploit, reproduce and disseminate free of charge
- Data Management Plans (DMPs) mandatory for all projects participating in the pilot





# Infrastructure support for EC Open Science policy

- Any infrastructure compliant with the rules can be used
- FP7 e-Infrastructure projects
- Horizon 2020 e-Infrastructure Work Programmes
  - WP2014-15
  - WP2016-17

# Looking beyond 2015: open questions

- How to increase reuse of repository content?
  - Commercial and non-commercial
  - Societal challenges and beyond
- Rethink the scholarly communication system: how does it look like in the digital age? Implement it by redesigning from its components based on user requirements.



# Research Data Alliance: a funder' perspective

Societal challenges of our time transcend borders

Data and computing intensive science is made of global collaborations

Research data are global

The European Commission has been supporting the set-up of the Research Data Alliance (RDA) to enable data sharing and interoperability on a global scale

The initial phase of RDA has been supported by the collaboration between the European Commission, the US National Science Foundation and National Institute of Standards and Technology and the Australian Ministry of Research

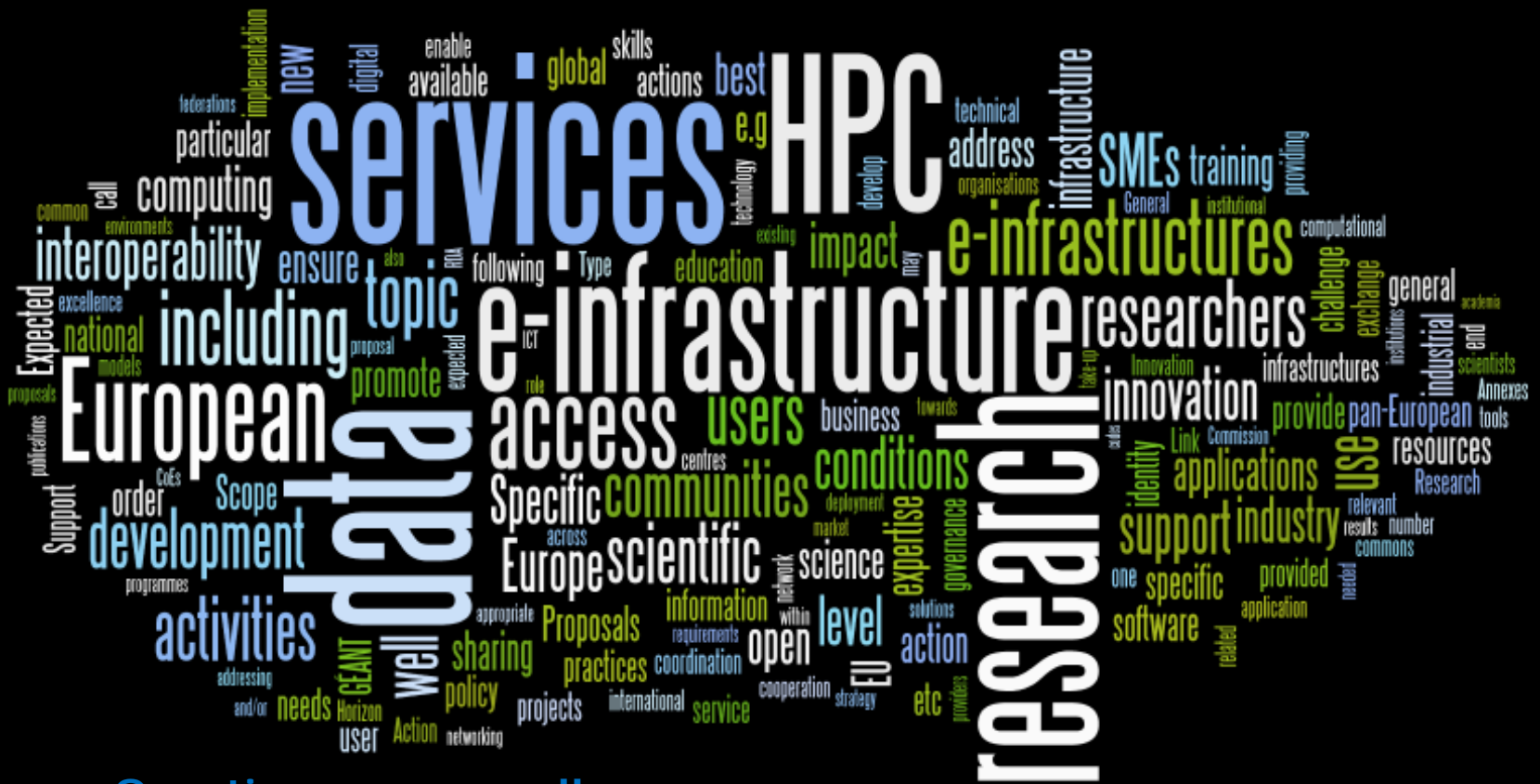




# OA in Horizon 2020: where to look

- Regulation establishing Horizon 2020 (article 18)
- Specific Programme (preamble 1.3)
- Rules for Participation (article 43)
- Work Programme 2014-15 (Introduction 1.5 and relevant areas)
- Model Grant Agreement (articles 6.2.D.3, 29.2 and 29.3)
- Annotated Model Grant Agreement (reference to Guidelines below)
- Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020
- Guidelines on Data Management in Horizon 2020
- Source for all documents: Participant Portal (reference documents)  
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- [www.openaire.eu](http://www.openaire.eu) (NOADs pages, H2020 toolkit)

## IN SUMMARY...



**Questions on our calls:**  
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